

**Solicitation NNC12450087Q**  
**Ka-Band Indoor Frequency Converters**  
**Amendment #2**  
**Questions and Answers #2**

- 1) *Q – Our background is a perfect fit for your solicitation but unfortunately, we were just made aware of this solicitation today. How do we get an extension on your solicitation? We would appreciate at least one week, preferably a two week extension to properly respond.*

**A – Due to time constraints, the due-date will NOT be extended. Offers are still due to Jeffrey Hoyt ([Jeffrey.D.Hoyt@nasa.gov](mailto:Jeffrey.D.Hoyt@nasa.gov)) no later than 4:30 pm local GRC time on Thursday, September 20, 2012.**

- 2) *Q - Is this equipment solicitation a one-time deal? Does the product have a potential for follow-on missions or are more orders expected in the future?*

**A - For the purposes of this solicitation, this is a one-time need. We may solicit the requirement to procure additional units in the future, but not in the immediate future.**

- 3) *Q - Regarding 3.5 Operating Environment: In our commercial unit the LCD display does not operate at -30C. The commercial unit operates between 0 and 50 C. Please confirm the temperature range.*

**A - The specification is INCORRECT. The correct ambient operating temperature range is 0° to +50° C (32° to 122° F).**

- 4) *Q - Regarding 3.6.1 Remote Control/Alarm Status: Does it require the following indicator/display on the equipment face plate: internal temperature, fault indicator, Mute Output indicator, operating frequency? We presume these indicators are for GUI on a remote terminal only since we are not able to take advantage of our commercial LCD display feature at the said low temperature. Please confirm.*

**A - The specification lists the required monitor and control features over the remote control interface (Ethernet, or RS-232, or RS-485). While an LCD display would be acceptable, there is no requirement for an LCD display.**

**As far as the temperature range of LCD displays, the temperature specification is INCORRECT. The correct ambient operating temperature range is 0° to +50° C (32° to 122° F).**

**Our primary method for operating the converters is over the above interface. The preferred interface is Ethernet, but will also accept RS-232 or RS-485.**

- 5) *Q - The solicitation calls for indoor, commercial items while in the technical specification in section 3.5, Operating Environment, the ambient temperature is stated as -30 to +60 deg C. The latter being typically an outdoor temperature requirement. Is the stated operating temperature & non-operating temperature the actual requirement?*

**A - The specification is INCORRECT. The correct ambient operating temperature range is 0° to +50° C (32° to 122° F).**